



IFW

DOCKET NO.: ELSE-0818/20030090

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Rodney C. Hemminger, et al.

Confirmation No.: 4421

Application No.: 10/618,129

Group Art Unit: 2829

Filing Date: July 11, 2003

Examiner: Kobert, Russell Marc

For: APPARATUS FOR METERING AT LEAST ONE TYPE OF ELECTRICAL
POWER OVER A PREDETERMINED RANGE OF SERVICE VOLTAGES

EXPRESS MAIL LABEL NO: EL 999301842 US
DATE OF DEPOSIT: May 3, 2005

EL999301842US

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


COMMUNICATION REGARDING
INFORMATION DISCLOSURE STATEMENT

- ☒ In the Notice of Allowance dated **March 10, 2005**, the Examiner indicated that references were not considered because copies of those references were not found in the parent application file. In a telephone discussion, the Examiner acknowledged that although the references were submitted in the parent application, they were not immediately available in the present application. Enclosed are courtesy copies of references **26, 41 thru 43, 161, 162, 166, 168, 170, 171, 174 thru 177, 184 thru 186** that were listed on the PTO Form 1449 originally filed **October 8, 2003**, a copy of which is attached to this communication. A copy of the date-stamped postcard dated **October 14, 2003** is also attached. Accordingly, Applicants believe no fee is due for providing copies of these references. Further, it is applicants understanding, based on discussion with the Examiner, that all other references have been considered.

- ☐ Initialed copies of the 1449 sent with the Information Disclosure Statement dated _____, were attached to the Official Action dated _____. However, Applicants note that the Examiner did not initial and/or sign Page _____ of the PTO-1449. As this appears to be an administrative oversight, it is respectfully requested that the Examiner initial and date this page of the 1449 confirming that the references citing thereon have been considered. A clean copy of the PTO-1449 is enclosed for the Examiner's convenience.

The Commissioner is authorized to charge payment of any fees associated with this communication and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is submitted in duplicate.

Date: **May 3, 2005**



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Paper:

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Information Disclosure Statement (in duplicate);
w/ first class certification, USPTO-1449 (21
pages(s)); 235 reference(s) cited/ 35 references(s)
submitted, return postcard

Applicant(s) :

Rodney C. Hemminger, et al.

Title:

APPARATUS FOR METERING AT LEAST
ONE TYPE OF ELECTRICAL POWER OVER
A PREDETERMINED RANGE OF SERVICE
VOLTAGES
10/618,129

Serial No.:

Filed:

July 11, 2003

Docket No.:

ELSE-0818

Date Sent:

October 8, 2003

SentBy: VJR/DDeSanto

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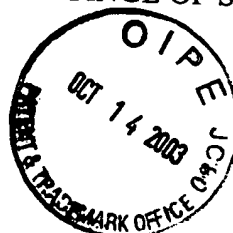
Docket No.:

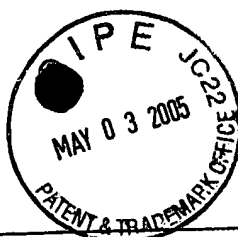
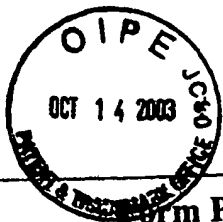
ELSE-0818

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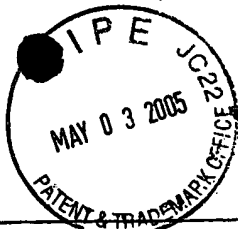
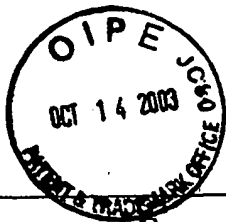
Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. ELSE-0818	Application No. 10/618,129
	Applicant Rodney C. Hemminger, et al.	
	Filing Date July 11, 2003	Group 2829 Not Yet Assigned

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Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	2,724,821	11/22/55	E.Q. Schweitzer, Jr.		
	2	3,794,917	2/12/1974	Martin et al.		
	3	3,806,875	4/12/1974	Georget		
	4	3,826,985	7/30/1974	Wiley		
	5	3,976,941	8/24/1976	Milkovic		
	6	4,007,061	2/8/1977	Le Coturier		
	7	4,034,292	7/5/1977	McClelland, III		
	8	4,077,061	2/28/1978	Johnston et al.		
	9	4,092,592	5/30/1978	Milkovic		
	10	4,096,436	6/20/1978	Cook et al.		

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
RK	11	0 288 413 A1	10/1988	EPO	x	—
RK	12	0 462 045 A1	12/1991	EPO	x	—
RK	13	1-239473	9/1989	JP	Abstract	—
RK	14	1-239474	9/1989	JP	Abstract	—
RK	15	1-239475	9/1989	JP	Abstract	—
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 3-3-05		

**Form PTO-1449 Modified**List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeDocket No.
ELSE-0818Application No.
10/618,129Applicant
Rodney C. Hemminger, et al.Filing Date
July 11, 2003Group
Not Yet Assigned**2829****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	16	4,119,948	10/10/1978	Ward et al.		
	17	4,120,031	10/10/1978	Kincheloe et al.		
	18	4,131,844	12/26/1978	Hucker et al.		
	19	4,156,273	5/22/1979	Sato		
	20	4,156,931	5/29/1979	Adelman et al.		
	21	4,156,932	5/29/1979	Robinson et al.		
	22	4,158,810	6/19/1979	Leckovar		
	23	4,186,339	1/29/1980	Finger		
	24	4,209,826	6/24/1980	Priegnitz		
	25	4,213,119	7/15/1980	Ward et al.		

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	26	2-095-879	1/1982	Great Britain		
<i>RK</i>	27	61-11680	1/1986	JP	Abstract	—
<i>RK</i>	28	61-284670	12/1986	JP	Abstract	—
<i>RK</i>	29	61-38569	2/1986	JP	Abstract	—
<i>RK</i>	30	68113/87	8/1987	Australia	x	—
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 3-3-05		




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	31	4,283,772	8/11/1981	Johnston		
	32	4,291,375	9/22/1981	Wolf		
	33	4,298,839	11/3/1981	Johnston		
	34	4,301,508	11/17/1981	Anderson et al.		
	35	4,315,248	2/9/1982	Ward		
	36	4,335,445	6/15/1982	Neroessian		
	37	4,355,361	10/19/1982	Riggs et al.		
	38	4,359,684	11/16/1982	Ley		
	39	4,361,877	11/30/1982	Dyer et al.		
	40	4,378,524	3/29/1983	Steinmüller		

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	41	EP 0 092 303 B1	10/86	EPO	x	
	42	GB 2177 805 A	1/1987	Great Britain	x	
	43	WO 86/05887	10/1986	WO	x	
EXAMINER 				DATE CONSIDERED 3-3-05		



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	44	4,389,702	6/21/1983	Clemente et al.		
	45	4,399,510	8/16/1983	Hicks		
	46	4,407,061	10/4/1983	Grodziewicz et al.		
	47	4,415,853	11/15/1983	Fisher		
	48	4,420,721	12/13/1983	Dorey et al.		
	49	4,422,039	12/20/1983	Davis		
	50	4,437,059	3/13/1984	Hauptmann		
	51	4,438,485	3/20/1984	Veigt		
	52	4,439,764	3/27/1984	York et al.		
	53	4,467,434	8/21/1984	Hurley et al.		

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	54	4,489,384	12/18/1984	Hurley et al.		
	55	4,497,017	1/29/1985	Davis		
	56	4,509,128	4/2/1985	Coppola et al.		
	57	4,516,213	5/7/1985	Gidden		
	58	4,542,469	9/17/1985	Brandyberry et al.		
	59	4,566,060	1/21/1986	Hocksma		
	60	4,581,705	4/8/1986	Gilker et al.		
	61	4,600,881	7/15/1986	LaRocca et al.		
	62	4,607,320	8/19/1986	Matui et al.		
	63	4,621,330	11/4/1986	Weikel		

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EXAMINER

DATE CONSIDERED 3-3-05



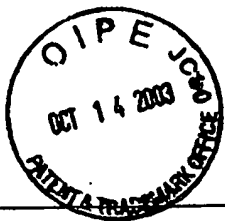
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	64	4,622,627	11/11/1986	Rodriguez et al.		
	65	4,623,960	11/18/1986	Eng		
	66	4,642,634	2/10/1987	Gerri et al.		
	67	4,646,084	2/24/1987	Burrowes et al.		
	68	4,686,460	8/11/1987	Stevens et al.		
	69	4,692,874	9/8/1987	Mihara		
	70	4,697,180	9/29/1987	Swanson		
	71	4,700,280	10/13/1987	Onda et al.		
	72	4,701,858	10/20/1987	Stokes et al.		
	73	4,713,608	12/15/1987	Catiller et al.		

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					YES	NO
EXAMINER						
				DATE CONSIDERED 3-3-05		

**Form PTO-1449 Modified**

List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
Patent and Trademark Office

Docket No.
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Application No.
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Applicant
Rodney C. Hemminger, et al.

Filing Date
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Group *2829*
Not Yet Assigned

U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	74	4,754,219	6/28/1988	Milkovic		
	75	4,757,456	7/12/1988	Benghiat		
	76	4,761,725	8/2/1988	Henze		
	77	4,794,369	12/27/1988	Haford		
	78	4,803,632	2/7/1989	Frew et al.		
	79	4,814,757	3/21/1989	Patterson et al.		
	80	4,831,327	5/16/1989	Chénier et al.		
	81	4,853,620	8/1/1989	Halder et al.		
	82	4,862,493	8/29/1989	Venkataraman et al.		
	83	4,866,587	9/12/1989	Wadlington		

FOREIGN PATENT DOCUMENTS

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	84	4,881,027	11/14/1989	Jeder et al.		
	85	4,881,070	11/14/1989	Burrowes et al.		
	86	4,884,021	11/28/1989	Hammond et al.		
	87	4,896,106	1/23/1990	Voisine et al.		
	88	4,902,964	2/20/1990	Szabela et al.		
	89	4,902,965	2/20/1990	Bedrug et al.		
	90	4,908,569	3/13/1990	Fest		
	91	4,908,769	3/13/1990	Vaughan et al.		
	92	4,922,187	5/1/1990	Beverly, II		
	93	4,922,399	5/1/1990	Touzuki		

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
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EXAMINER 				DATE CONSIDERED 3-3-05		

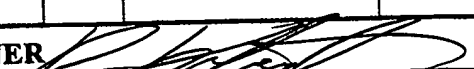


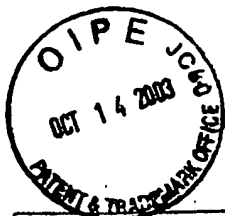
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U. S. PATENT DOCUMENTS

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	94	4,931,725	6/5/1990	Hutt et al.		
	95	4,949,029	8/14/1990	Cooper et al.		
	96	4,951,052	8/21/1990	Jacob et al.		
	97	4,956,761	9/11/1990	Higashi		
	98	4,975,592	12/4/1990	Hahn et al.		
	99	4,977,368	12/11/1990	Munday et al.		
	100	4,978,911	12/18/1990	Perry et al.		
	101	4,998,061	3/5/1991	Voisine et al.		
	102	4,999,569	3/12/1991	Weikel		
	103	5,010,335	4/23/1991	Coppola et al.		

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	104	5,014,213	5/7/1991	Edwards et al.		
	105	5,017,860	5/21/1991	Germer et al.		
	106	5,019,955	5/28/1991	Hoeksma		
	107	5,032,785	7/16/1991	Mathis et al.		
	108	5,059,896	10/22/1991	Germer et al.		
	109	5,122,735	6/16/1992	Porter et al.		
	110	5,140,511	8/18/1992	Lee et al.		
	111	5,151,866	9/29/1992	Glaser et al.		
	112	5,153,837	10/6/1992	Shaffer et al.		
	113	5,173,657	12/22/1992	Holdsclaw		

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	114	5,175,675	12/29/1992	Uramoto		
	115	5,181,026	1/19/1993	Granville		
	116	5,184,064	2/2/1993	Vielknair et al.		
	117	5,229,713	7/20/1993	Bullock et al.		
	118	5,245,275	9/14/1993	Germer et al.		
	119	5,268,633	12/7/1993	Baleh		
	120	5,270,958	12/14/1993	Dastous		
	121	5,287,287	2/15/1994	Chamberlain et al.		
	122	5,296,803	3/22/1994	Kirby et al.		
	123	5,315,527	5/24/1994	Beekwith		

FOREIGN PATENT DOCUMENTS

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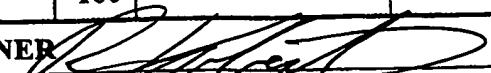


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U. S. PATENT DOCUMENTS						
Examiner Initial		Document No.	Date	Name	Class	Subclass
	124	5,325,051	6/28/1994	Germer et al.		
	125	5,391,083	2/21/1995	Lisignan et al.		
	126	5,457,621	10/10/1995	Munday et al.		
	127	5,495,167	2/27/96	Cotroneo		
	128	5,537,029	7/16/1996	Hemminger et al.		
	129	5,539,304	7/23/96	Payne et al.		
	130	5,544,089	8/6/1996	Hemminger et al.		
	131	5,548,209	8/20/1996	Lusignan et al.		
	132	5,548,527	8/20/1996	Hemminger et al.		
	133	5,555,508	9/10/1996	Munday et al.		
	134	5,903,145	5/11/1999	Hemminger et al.		
	135	6,229,295 B1	5/8/2001	Hemminger et al.		
	136	5,621,629	04/97	Hemminger, et al.	363	56
	137	6,097,182	08/00	Hemminer, et al.	324	142
	138	5,742,151	04/98	Hwang	323	222
	139	5,808,455	09/98	Schwartz, et al.	323	271
	140	3,569,818			363	21.12
EXAMINER <i>[Signature]</i>				DATE CONSIDERED <i>3-3-05</i>		



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U. S. PATENT DOCUMENTS

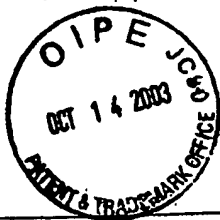
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	141	4,241,237	12/23/80	Paraskevatos, et al.	379	106.06
	142	4,335,447	06/15/82	Jerrim	714	22
	143	4,455,453	06/19/84	Paraskevatos, et al.	379	106.06
	144	4,620,150	10/28/86	Germer, et al.	324	103.12
	145	4,639,728	01/27/87	Swanson	340	870.03
	146	4,682,169	07/21/87	Swanson	379	102.07
	147	4,697,181	09/29/87	Swanson	340	870.02
	148	4,697,182	09/29/87	Swanson	340	870.02
	149	4,804,957	02/14/89	Selph, et al.	340	870.03
	150	4,999,572	03/12/91	Bickford, et al.	324	103R
	151	5,146,394	09/08/92	Ishii, et al.	363	16
	152	5,237,511	08/17/93	Caird, et al.	702	58
	153	5,289,115	02/22/94	Germer, et al.	324	107
	154	5,469,049	11/21/95	Briese, et al.	324	76.77
	155	5,471,137	11/28/95	Briese, et al.	324	158.1
	156	5,537,333	07/16/96	Hemminger, et al.	702	60
	157	5,621,629	04/15/97	Hemminger, et al.	363	56.1
	158	5,631,554	05/20/97	Briese, et al.	324	76.77
	159	5,631,843	05/20/97	Munday, et al.	700	286
	160	5,691,634	11/25/97	Lowe	324	107
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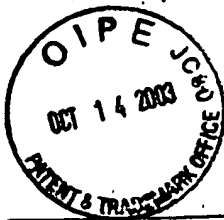
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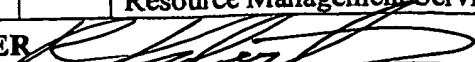


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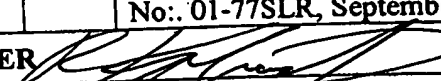


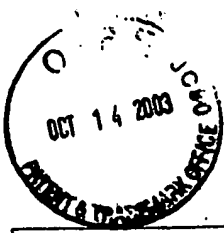
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